

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A fuel composition, comprising:

(a) a spark-ignition fuel;

(b) a Mannich base detergent; and

(c) deposit inhibitor a succinimide compound, wherein the Mannich base detergent and succinimide compound are present in a ratio of detergent to succinimide of from about 16:1 to about 1000:1 by weight.

Claim 2 (Cancelled).

3. (Currently Amended) The fuel composition of claim 1, wherein the Mannich base detergent comprises ~~a Mannich base detergent comprising~~ the reaction product of an alkyl-substituted hydroxyaromatic compound, an amine, and an aldehyde.

4. (Currently Amended) The fuel composition of claim 1, wherein the Mannich base detergent comprises ~~a Mannich base detergent comprising~~ the reaction product of alkylated cresol, a primary or secondary alkylamine, and formaldehyde.

Claims 5 and 6 (Cancelled).

7. (Currently Amended) The fuel composition of claim-6 1, wherein the succinimide compound comprises a reaction product obtained by reacting an alkenyl succinic anhydride, acid, acid-ester or lower alkyl ester with an amine containing at least one primary amine group.

Claims 8 and 9 (Cancelled).

10. (Original) The fuel composition of claim 1, wherein the spark-ignition fuel comprises gasoline.

11. (Original) The fuel composition of claim 1, wherein the spark-ignition fuel comprises a blend of hydrocarbons of the gasoline boiling range and a fuel-soluble oxygenated compound.
12. (Original) The fuel composition of claim 1, further comprising a carrier fluid selected from the group consisting of a mineral oil or a blend of mineral oils that have a viscosity index of less than about 120; one or more poly-alpha-olefin oligomers; one or more poly (oxyalkylene) compounds having an average molecular weight in the range of about 500 to about 3000; one or more polyalkenes; one or more polyalkyl-substituted hydroxyaromatic compounds; and mixtures thereof.
13. (Original) The fuel composition of claim 12, wherein the carrier fluid comprises at least one poly (oxyalkylene) compound.
14. (Original) The fuel composition of claim 1, further comprising at least one additive selected from the group consisting of additional dispersants/detergents, antioxidants, carrier fluids, metal deactivators, dyes, markers, corrosion inhibitors, biocides, antistatic additives, drag reducing agents, demulsifiers, dehazers, anti-icing additives, antiknock additives, anti-valve-seat recession additives, lubricity additives and combustion improvers.

Claims 15 and 16 (Cancelled).

17. (Currently Amended) The fuel composition of claim 1 ~~16~~, wherein the succinimide compound is hydrocarbyl substituted succinic anhydride derivatives comprise at least one member selected from the group consisting of hydrocarbyl succinimides, hydrocarbyl succinimides; hydrocarbyl succinimide-amides and hydrocarbyl succinimide-esters.
18. (Currently Amended) A method of minimizing or reducing injector deposits in a spark-ignition internal combustion engine, ~~said method comprises comprising~~ providing as fuel for the operation of said engine a fuel composition in accordance with claim 1.

19. (Currently Amended) A method for operating an electronic port fuel injected engine on an unleaded fuel composition which comprises introducing into an electronic port fuel injected engine, with the combustion intake charge, the fuel composition of claim 1.

20. (Currently Amended) A method for operating a direct injection gasoline engine on an unleaded fuel composition which comprises introducing into a direct injection gasoline engine, with the combustion intake charge, the fuel composition of claim 1.

Claims 21-22 (Cancelled).